

We claim:

SUB A2

1. A system comprising:  
a program to manipulate an item;  
5 a database having the item;  
a SCC system to store versions of the item; and,  
a mechanism to check in and check out the item.

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2. The system of claim 1, wherein the program comprises an  
10 editor program to edit the stored program.

3. The system of claim 1, wherein the program requests to check  
out the item such that the mechanism checks out the item to the  
program.

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4. The system of claim 3, wherein the mechanism provides the  
program a choice of a version of the item at the SCC system and a  
version of the item at the database.

5. The system of claim 4, wherein the version of the item at  
the SCC system is identical to the version of the item at the  
database.

6. The system of claim 4, wherein the version of the item at the SCC system is different than the version of the item at the database.

5 7. The system of claim 1, wherein the program requests to check in the item such that the mechanism checks in the item into the SCC system.

8. The system of claim 7, wherein the mechanism checks in the item into the SCC system as saved to the database.

9. The system of claim 1, wherein the database comprises a Structured Query Language (SQL) database.

SUB 10. A computer-implemented method to check out an item from a SCC system comprising:

comparing a stream of the item in the SCC system with a stream of the item in a database;

determining whether the stream in the SCC system is identical to the stream in the database; and,

upon determining that the stream in the SCC system is different than the stream in the database, providing a user a choice to select one of the stream in the SCC system and the

stream in the database.

11. The computer-implemented method of claim 10, further comprising prior to comparing,

5 retrieving the stream of the item from the SCC system; and,  
retrieving the stream of the item from the database.

12. The computer-implemented method of claim 10, wherein upon the user selecting the stream in the SCC system, saving the stream in the SCC system as the stream in the database.

13. A computer-implemented method to check in an item into a SCC system comprising:

retrieving a stream of the item from a database; and,

15 saving the stream of the item in the database as the stream in the SCC system.

14. The computer-implemented method of claim 13, further comprising prior to retrieving, saving the stream of the item to  
20 the database.

SUB A5 15. A computer-readable medium having instructions stored thereon for execution by a computer to perform a method

comprising:

comparing a stream of an item in the SCC system with a stream of the item in a database;

determining whether the stream in the SCC system is

5 identical to the stream in the database;

upon determining that the stream in the SCC system is different than the stream in the database, providing a user a choice to select one of the stream in the SCC system and the stream in the database; and,

10 upon the user selecting the stream in the SCC system, saving the stream in the SCC system as the stream in the database.

16. The computer-readable medium of claim 15, the method further comprising prior to comparing,

15 retrieving the stream of the item from the SCC system; and,  
retrieving the stream of the item from the database.

17. The computer-readable medium of claim 15, the method further comprising:

20 retrieving a stream of the item from a database; and,  
saving the stream of the item in the database as the stream in the SCC system.

And  
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18. The computer-readable medium of claim 17, the method further comprising prior to retrieving, saving the stream of the item to the database.

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